

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/27145

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C23C 14/34; B32B 15/04; 9/00; C04B 35/64

US CL : 204/298.13, 192.17; 423/53, 62, 69, 81, 22, 344; 428/457, 446, 688, 689, 697, 698, 702; 264/667, 668

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 204/298.13, 192.17; 423/53, 62, 69, 81, 22, 344; 428/457, 446, 688, 689, 697, 698, 702; 264/667, 668, 683, 681

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,234,642 (NISHIOKA et al) 10 August 1993 (10.08.1993), columns 13-14	1-3 and 14-20
Y	US 5,162,272 (PEUCKERT et al.) 10 November 1992 (10.11.1992), column 8, lines 1-45.	1-3
A		14-20
Y	WO-99/03623 (TOSOH SMD INC) 28 January 1999 (28.01.1999) abstract and pages 2-3.	4-13

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

30 March 2005 (30.03.2005)

Date of mailing of the international search report

13 APR 2005

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